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(54) METHOD OF IMPROVING COVERAGE AND OPTIMISATION IN COMMUNICATION NETWORKS

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(57) **ABSTRACT**

A method and apparatus for detecting and determining the location of a coverage hole in a communications network such as a cellular communication system wherein the location is determined from operational parameters and/or by network elements themselves. Additionally is a method to reduce a hole by adjusting antennae parameters preferably remotely and automatically and this can be done in conjunction with hole location to optimise the system.